

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-76 (cancelled)

77. (New) An array comprising a plurality of nucleic acid probes wherein each probe in said plurality of nucleic acid probes consists essentially of one of the sequences listed in SEQ ID Nos. 1-127,811 and wherein said plurality of nucleic acid probes of the array comprises each of the sequences listed in SEQ ID Nos. 1-127,811.

78. (New) An array comprising 127,811 different sequence nucleic acid probes attached to a solid support at known locations, wherein each different sequence nucleic acid probe is 20 to 30 nucleotides and is completely complementary to a region of the mouse genome.

79. (New) A method of monitoring the expression of a plurality of mouse genes in a first nucleic acid sample obtained from a mouse sample, said method comprising:

obtaining a second nucleic acid sample by amplifying a plurality of nucleic acids in said first sample;

hybridizing said second nucleic acid sample to the array of claim 78 to obtain a hybridization pattern; and

analyzing said hybridization pattern to obtain a measurement of the expression of a plurality of mouse genes.